

***LineUp With Math™* Alignment**
2003 Mathematics Standard Course of Study and
Grade Level Competencies

Strand: Number and Operations

COMPETENCY GOAL 1: The learner will understand and compute with rational numbers.

Objectives

1.01 Develop and use ratios, proportions, and percents to solve problems.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

Strand: Measurement

COMPETENCY GOAL 2: The learner will understand and use measurement involving two- and three-dimensional figures.

Objectives

2.01 Draw objects to scale and use scale drawings to solve problems.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

-- Predict and plot the relative motion of two or more airplanes on given paths.